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WHISTON RURAL DISTRICT COUNCIL

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# ANNUAL REPORT

by

**F. W. BUNTING, M.D., D.P.H.**

**Medical Officer of Health for the Whiston Rural District**

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**FOR THE YEAR 1947**



**WHISTON RURAL DISTRICT COUNCIL**

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## WHISTON RURAL DISTRICT COUNCIL

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*The Chairman and Members of the  
Whiston Rural District Council.*

Gentlemen,

I have the honour to submit to you my Annual Report on the health of Whiston Rural District for the year ended 31st December, 1947.

I am glad to report that the health of the community has remained satisfactory during the year.

The death rate at 9.1 per 1,000 is slightly below that for 1946 and the birth rate of 18.5 per 1,000 is similar to the rate for 1946.

There has been an increase in the number of cases of notifiable disease, 866 cases being notified during the year compared with 620 for the previous year. This increase is due to the high incidence of measles which were prevalent not only in this district, but throughout the country. There was a reduced incidence of scarlet fever and whooping cough during the year. Only 6 cases of diphtheria were notified compared with 28 cases notified during the previous year, a further testament to the efficacy of the Council's Diphtheria Immunisation Scheme.

I would like to take this opportunity of expressing my appreciation of the willing assistance I have received from officials of the Council and in particular Mr. W. H. Bone, Chief Sanitary Inspector.

# WHISTON RURAL DISTRICT COUNCIL

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## Public Health Department

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### Officers :

Medical Officer of Health :

F. W. BUNTING, M.D., D.P.H.

Chief Sanitary Inspector... .. W. H. BONE, C.R.S.I.

Dep. Chief Sanitary Inspector... .. A. RIGBY, C.R.S.I.

Assistant Sanitary Inspector ... .. J. G. EVANS, C.R.S.I.

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## ANNUAL REPORT FOR 1947

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### STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area in acres : 29,440                      Population—Census, 1931 : 22,864

Registrar-General's estimate of Population, mid-1947    ....    36,600

Number of inhabited houses—

(a) Census, 1931                      ....    4,808

(b) End of 1947 according to rate books                      ....    9,740

Rateable value : £212,262              Sum represented by a penny rate : £840

Social conditions, including the chief industries carried on in the area :—

The inhabitants are mostly of the working class. The chief industries are agriculture, coal mining, brass founding and stove making. There is also one chemical works, where nearly all the employees live outside the district. A number of light industries have been established on the Kirkby Trading Estate but most of the employees live outside the Rural area.

### Vital Statistics

Particulars of any unusual or excessive mortality during the year which has received or required comment.—None.

Any causes of sickness or invalidity which have been specially noteworthy in the area during the year.—Measles.

Any conditions of occupation or environment which appear to have had a prejudicial effect on health.—None.



## Live Births—

		Total	M.	F.
Legitimate	....	656	329	327
Illegitimate	....	23	16	7
	Total	679	345	334

Birth-rate per 1,000 estimated population mid-1947—18.5

		Total	M.	F.
Stillbirths	....	19	10	9
Rate per 1,000 total (live and still) births—27				

Deaths	Total	M.	F.
	335	173	162

Death rate per 1,000 estimated population—9.1

## Deaths from puerperal causes—

	Deaths	Death-rate per 1,000 total (live and still) births
Puerperal and post-abortive sepsis	2	2.86
Other maternal	nil.	nil.
Total maternal mortality	2	2.86

## Death-rate of Infants under 1 year of age :—

All infants per 1,000 live births	82
Legitimate infants per 1,000 legitimate live births	80
Illegitimate infants per 1,000 illegitimate live births	130

## Principal Causes of Deaths—

Deaths from Cancer (all ages)	....	46
„ Measles (all ages)	....	1
„ Whooping Cough (all ages)	....	1
„ Diarrhoea (under 2 years of age)	....	14

**GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA****PUBLIC HEALTH OFFICERS OF THE LOCAL AUTHORITY**

Medical Officer of Health :—F. W. Bunting, M.D., D.P.H.

Is he a whole or part-time officer of the local authority ?—Part.

Any other public appointments held by him ?—Assistant County Medical Officer of Health.

Is he in private practice ?—No.

## Sanitary Inspectors :—

W. H. Bone, C.R.S.I. Whole or part time as S.I.—Whole.

A. Rigby, C.R.S.I. Whole or part time as S.I.—Whole.

J. G. Evans, C.R.S.I. Whole or part time as S.I.—Whole.

Other Public Health Officers :—Nil.

**Laboratory facilities :—**

Describe briefly any laboratory facilities available :—Liverpool City Bacteriologist, School of Hygiene, Liverpool and County Mental Hospital, Rainhill.

**Ambulance facilities :—**

<i>For</i>	<i>Provided by</i>
(a) Infectious cases ....	Motor Ambulances provided by Whiston, Huyton and Prescot Joint Hospital Board.
(b) Non-infectious cases	Lancashire County Council, County Hospital, Whiston.
(c) Accident cases ....	Lancashire County Council, County Hospital, Whiston.
(d) Maternity cases ....	Lancashire County Council, County Hospital, Whiston.

Comment briefly on efficiency and adequacy of ambulance service or services in the area, and on the arrangements made for their co-ordination : Present arrangement calls for some reorganisation which is contemplated after the inception of the National Health Service Act.

**Nursing in the Home :—**

Total amount of financial assistance given during year by local authority to voluntary associations—£28.

**Hospitals in the District :—**

- (a) Public Hospitals :—County Hospital, Whiston : Annexe County Mental Hospital.
- (b) Voluntary Hospitals :—St. Joseph's Heart Hospital in the Parish of Rainhill.

**Institutional Provision in the Area for :—**

Unmarried mothers :—Whiston Institution.

Illegitimate infants :—Whiston Institution, Lancashire County Council.

Homeless children :—Whiston Institution, Lancashire County Council.

**SANITARY CIRCUMSTANCES OF THE AREA****Water Supply :—**

Authority from which supply is obtained :—Liverpool Corporation, St. Helens Corporation, Widnes Corporation and a small portion of the area is supplied by the Warrington Corporation.

Source of supply (including type, *e.g.*, upland surface, deep wells, etc) :—Upland surface and deep wells.

Give particulars of any *new* sources of public supply acquired during the year :—None.



**Supplies to Houses :—**

Parish	From Public Mains				Private Supplies, <i>e.g.</i> , wells, springs, etc.	
	Direct to houses		By means of st'dpipe		No. of dwelling- houses	No. of popula'n
	No. of dwelling- houses	No. of popula'n	No. of dwelling- houses	No. of popula'n		
Bold ....	518	1873	0	0	0	0
Cronton ....	204	696	0	0	0	0
Eccleston ....	1392	6564	0	0	4	12
Hale ....	251	780	0	0	0	0
Halewood	746	2358	0	0	2	6
Kirkby ....	642	3155	0	0	15	39
Knowsley ....	1567	4775	0	0	7	25
Rainhill ....	1650	6157	13	52	1	3
Tarbock ....	182	617	0	0	2	7
Whiston ....	1652	6530	7	18	0	0
Windle ....	887	2928	0	0	4	15
Total ....	9691	37433	20	70	35	107

Has the water supply of the area and of its several parts been satisfactory during the year :—

(a) In quality :—Yes.

(b) In quantity :—Shortage of supply in parts of Halewood Parish.

If piped supply, examinations made during the year of :—

(a) The raw water :—Bacteriological examinations—None.  
Chemical analyses—None.

(b) Water going into supply, where treatment is installed :—Bacteriological examinations—None.  
Chemical analyses—None.

Above examination carried out by supplying authority.

Action taken in respect of any form of contamination—None.

Any liability to plumbo-solvent action—None.

If so, give facts as to contamination by lead and the precautions taken, including number and results of analyses—None.

Nature of extensions of water supplies (if any) during the year :—

6in.—265 yards St. Helens Corporation.

5in.—529 yards Liverpool Corporation.

4in.—1575 yards Liverpool Corporation.

3in.—550 yards St. Helens Corporation.

**Drainage and Sewerage :—**

Give particulars of Sewage Disposal Works and methods of treatment :—

**Bold.** Clock Face area. Sedimentation and filtration. In other parts of Parish houses are provided with septic tanks or cesspools.

**Cronton.** The drainage arrangements in this Parish are unsatisfactory. There is no sewage disposal works. The bulk of the property is drained into septic tanks and ditches in the Parish are polluted.

**Eccleston.** Part of the Parish is sewered into the Corporation of St. Helens sewers and part into the sewage works at Whiston.

**Hale.** Part of district sewered and drained to sedimentation tank. This scheme is unsatisfactory. Many houses have their own septic tanks and these arrangements are unsatisfactory.

**Halewood.** Sewage Works. The larger portion of the property in the built up area is drained to sewage works sedimentation and filtration—other properties to septic tanks.

**Kirkby.** Some of the properties are drained to Liverpool Corporation sewer, whilst houses erected during the war for employees at the then Royal Ordnance Factory are drained to sewage works—sedimentation and filtration—others to septic tank or cesspool.

**Knowsley.** Some of the property in this Parish is drained to Liverpool Corporation Sewers, whilst one estate comprising 494 houses is connected to a sewage works—sedimentation and filtration—outlying properties to septic tanks or cesspools.

**Rainhill.** Sedimentation and irrigation, unsatisfactory. New sewage scheme awaiting approval of Ministry of Health.

**Tarbock.** This is a Rural Parish sparsely populated. No sewage works. Principally cesspools and septic tanks.

**Whiston.** Sedimentation and filtration. Proposals for remodelling sewage works.

**Windle.** Moss Bank area to sewage works—sedimentation and filtration, other parts into St. Helens Corporation sewers. Outlying areas septic tanks or cesspools.

Areas or townships without proper drainage systems and reasons therefore :—Cronton, Tarbock, largely Rural in character.

#### Rivers and Streams :—

Sources and nature of any pollution :—From sewage works and chemical works.

Action taken to check the pollution of rivers and streams :—Samples of sewage and trade effluent taken and submitted occasionally for analysis.

#### Closet Accommodation at end of 1947 :—

Privy Middens	....	....	....	....	....	....	....	....	....	....	930
No. of closets attached to these middens	....	....	....	....	....	....	....	....	....	....	1,106
No. of pail closets	....	....	....	....	....	....	....	....	....	....	98
No. of dry ashpits (exc. middens)	....	....	....	....	....	....	....	....	....	....	260
No. of movable ashbins	....	....	....	....	....	....	....	....	....	....	6,966
No. of trough closets	....	....	....	....	....	....	....	....	....	....	None
No. of waste water closets	....	....	....	....	....	....	....	....	....	....	None
No. of fresh water closets	....	....	....	....	....	....	....	....	....	....	9,350
No. of houses on water carriage system	....	....	....	....	....	....	....	....	....	....	8,223

#### Conversion during 1947 :—

No. of privy closets to fresh W.C.'s :—27

No. of pail closet to fresh W.C.'s :—1

No. of houses at which movable ashbins were substituted for fixed receptacles :—112

#### Public Cleansing :—

Give brief particulars of the arrangements for public cleansing (refuse collection and disposal, cesspool cleansing, etc.) :—Septic tanks cleansed at request of owner or occupier. Refuse collection undertaken by Local Authority in 10 Parishes : in one Parish this work is partly by Contract and partly by Local Authority.

**Sanitary Inspections during 1947—(including Housing)**

No. of premises visited :—4,246

Defects or nuisances :—No. discovered 735 No. abated 562

No. of notices served :—Informal 247 Statutory 3

Legal proceedings :—None

**Shops and Offices :—**

Particulars of any action taken under provisions of :

(a) Shops Act, 1934, relating to ventilation and temperature of shops and to sanitary conveniences :—None

(b) Public Health Act, 1936, relating to conditions in offices, *i.e.* ventilation, sanitary conveniences, etc. :—None.

**Camping Sites (other than Military) :—**

(a) No. of sites in the area which were used for camping purposes during 1947—None.

(b) No. of camping sites in respect of which licences have been issued by local authority under section 269 of the Public Health Act, 1936—None.

**Smoke Abatement :—**

Any special action taken with regard to smoke abatement—None.

Number of factory and works chimneys in the district—6.

What is the time limit allowed for emission of black smoke per hour ?—

None fixed.

Number of legal proceedings and results—None.

Particulars of any co-operative action with industry—Collieries have been visited and Engineers have expressed a willingness to co-operate.

**Swimming Baths and Pools :—**

Brief particulars of any :—

(a) Public swimming baths or pools—None in the area.

(b) Privately-owned swimming baths or pools open to public—None in the area.

(c) Action taken to ensure the satisfactory condition of the water—None.

**Disinfestation :—**

Particulars of action taken during 1947 :—

No. of houses found to be infested—

(a) Council houses .... 1

(b) Other houses .... 27

No. of houses disinfested—

(a) Council houses .... 1

(b) Other houses .... 27

Methods employed for disinfestation of houses—Gammexane and Neocid powder. Zaldecyde plus D.D.T. spray.

State name of fumigant and/or insecticide used, and efficiency thereof—Gammazane powder—good. Zaldecyde liquid plus D.D.T.—good.

Methods employed for ensuring disinfestation of belongings of tenants before removal to council houses—Hydro cyanide.

Is work of disinfestation carried out by local authority or by a contractor ?—Contractor when hydro cyanide is used.

Measures taken by way of supervision or education of tenants to prevent infestation or re-infestation after cleansing—None in operation.



**Schools :—**

- (a) Sanitary condition—Satisfactory with the exception of the old schools.
- (b) Water supply—Public main. Is it satisfactory ?—Yes.

**Offensive Trades :—**

No. of premises—None.

**Factory Act, 1937 :—**

Observations on the administration of Parts I and VIII of the Act during 1947—Fair.

**Common Lodging houses :—**

No. on register—None.

**Houses let in lodgings :—**

No. in register—None.

**Tents, Vans, Sheds, etc. :—**

Action taken—None.

**Underground Sleeping Rooms :—**

Any need for regulations ?—None.

**Canal Boats :—**

Number inspected—None. Number of infringements of Acts—None.

**Notable sanitary improvements during 1947 :—**

None

**Chief sanitary requirements of the district :—**

It is desirable that the Council undertake the provision of a sewage disposal scheme in the Parishes of Cronton and Hale and that making up of unmade streets and back passages in Whiston should be undertaken.

**HOUSING****(a) Housing Statistics for 1947 :—**

		<i>Permanent Prefabricated houses</i>	<i>Traditional Permanent houses</i>
Number of new houses erected during the year :—			
(i)	By the local authority ....	18	131
(ii)	By other local authorities ....	—	—
(iii)	By other bodies or persons ....	—	16
1. <i>Inspection of dwelling-houses during the year :—</i>			
(1)	(a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) ....	3269	
	(b) Number of inspections made for the purpose ....	3814	
(2)	(a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932 ....	None	
	(b) Number of inspections made for the purpose ....	None	
(3)	Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ....		8

- (4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation .... 265
2. *Remedy of defects during the year without service of formal notices :—*  
 Number of defective dwelling-houses rendered fit in consequence of informal action by the local authority or their officers .... 173
3. *Action under statutory powers during the year :—*
- (a) Proceedings under sections 9, 10 and 16 of the Housing Act, 1936 :
- (1) Number of dwelling-houses in respect of which notices were served requiring repairs .... None
- (2) Number of dwelling-houses which were rendered fit after service of formal notices :—
- (a) By owners .... None
- (b) By local authority in default of owners .... None
- (b) Proceedings under Public Health Acts :
- (1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied .... 3
- (2) Number of dwelling-houses in which defects were remedied after service of formal notices :—
- (a) By owners .... 3
- (b) By local authority in default of owners .... None
- (c) Proceedings under sections 11 and 13 of the Housing Act, 1936 :
- (1) Number of dwelling-houses in respect of which Demolition Orders were made.... 11
- (2) Number of dwelling-houses demolished in pursuance of Demolition Orders .... 6
- (d) Proceedings under section 12 of the Housing Act, 1936 :
- (1) Number of separate tenements or underground rooms in respect of which Closing Orders were made .... None
- (2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit .... None
4. *Housing Act, 1936.—Part IV.—Overcrowding :—*
- (a) (i) Number of dwellings overcrowded at the end of the year 620
- (ii) Number of families dwelling therein .... 880
- (iii) Number of persons dwelling therein .... 3550
- (b) Number of new cases of overcrowding reported during the year .... Considerable
- (c) (i) Number of cases of overcrowding relieved during the year 10
- (ii) Number of persons concerned in such cases .... 40

(b) **Housing Conditions :**

*Note.*—In the report upon a Rural district it is desirable that the conditions arising in particular parishes should be distinguished.

1. *General observations as to housing conditions*, including the standard of houses, the prevalent types, age and approximate numbers and general soundness of the several types—any information as to prevailing forms of defects and of prevailing bad conditions resulting from overcrowding :

**Bold.**

The major portion of the houses in the Parish of Bold are of the working class type, the principal owners being the National Coal Board. This property is in good condition and is well maintained. There is also a fair number of agricultural properties in the Parish, which are generally in good condition.

**Cronton.**

In the Parish of Cronton the houses are principally of the working class type. Generally the property is of the smaller type : a number of the older type are sub-standard.

**Eccleston.**

The houses in the Parish of Eccleston are mainly of the residential type and are well maintained. There is also a fair number of houses of the working class type, many of which are sub-standard, and of considerable age. The agricultural houses are generally in good condition and well maintained.

**Hale.**

Houses in this Parish are generally of the residential type and are well maintained. The older types are small and are in many cases sub-standard.

**Halewood.**

Most of the houses in the Parish of Halewood are modern and of the residential type. There is also a considerable number of farm-houses and agricultural workers' cottages. Most of the cottages are in fair condition. There is no congestion. Most of the houses are openly situated.

**Kirkby.**

To meet the needs of persons working at the Royal Ordnance Factory in the Parish of Kirkby, the Ministry of Supply erected 186 houses and flats in Kirkby. These houses and flats have, since completion, required considerable maintenance. Other properties are of the detached and semi-detached types with a considerable number of agricultural houses and cottages. Dampness is the chief defect in the older types.

**Knowsley.**

The older houses in the Parish or Knowsley are of the detached or semi-detached type and many are occupied by estate workers. These houses are generally well maintained. A large number of houses have been erected in this Parish by the Liverpool Corporation. In 1941 the Ministry of Aircraft Production erected 496 temporary bungalows in this Parish to house workers employed in war production factories.

**Rainhill.**

There is a considerable difference in the types of houses in this Parish, a large number of the houses being of the working class type. Of the old houses, dampness is prevalent and many are sub-standard.

**Tarbock.**

There is only a small number of modern houses in the Parish of Tarbock, the houses generally being farm houses and agricultural cottages. Many of the cottages are old, but are reasonably well maintained.

**Whiston.**

The houses in the Parish of Whiston are almost all of the working class type. A considerable portion of the older property is of a poor type and there is some congestion. The more modern property is reasonably well maintained.



**Windle.**

In the Parish of Windle, houses are mainly of the detached or semi-detached type, with a fair number of farm houses. In the main they are fairly well maintained and, with the exception of one small area at Moss Bank, there is no congestion.

Approximate number of back-to-back houses in the rural district : 20.

**2. Sufficiency of supply of houses.**

- (a) Give some indication of extent of shortage, stating approximate number and type of houses required. Shortage very acute, number and type required :—

2 bedroom 475, 3 bedroom 105, 4 bedroom 22, 5 bedroom 2.  
Total 604.

- (b) Particulars of any housing scheme :—

(i) In hand at end of year....	....	....	256
(ii) Contemplated....	....	....	118

- (c) Information as to any important changes in population during the period under review or anticipated in the future—None and none anticipated.

- (d) Any special difficulties in the way of providing suitable sites for new houses—None.

**3. Overcrowding.**

- (a) Number of cases of overcrowding in houses owned by the local authority which have been relieved during 1947—2.
- (b) Particulars of any cases in which dwelling-houses have again become overcrowded after the local authority have taken steps for the abatement of overcrowding—None.
- (c) Any other particulars with respect to overcrowding, *e.g.*, causes—Overcrowding due to shortage of houses.

**4. Fitness of houses.**

- (a) Difficulties found in action under the Public Health Acts or under the Housing Acts—Difficulties arising from shortage of materials and labour.
- (b) No. of houses which have not an adequate internal water supply—60.
- (c) No. of houses which have no separate water closet or other adequate sanitary accommodation—None.

**INSPECTION AND SUPERVISION OF FOOD****(1) Milk Supply—Action taken with regard to—**

The administration of the Milk and Dairies Acts, Orders and Regulations, Premises inspected periodically by Sanitary Inspectors and samples of milk submitted for examination for the tubercle bacillus and bacillus coli.

**The Milk (Special Designations) Regulations, 1936 to 1946—**

Number of dealers' licences (including supplementary licences) issued by the local authority during 1947 in respect of—

“Tuberculin Tested” Milk :

(i) Bottling :—None	(ii) Distribution :—None
---------------------	--------------------------

“Accredited” Milk :

(i) Bottling :—None	(ii) Distribution :—None
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Number of licences issued in respect of "Pasteurised" Milk :  
 Pasteurising plants :—None      Retail distributors :—3

Any refusal or revocation of registration of retailers or of licences for graded milk, with reasons for the refusal or revocation :—None

### **Dairies, Cowsheds and Milkshops—**

Are they periodically inspected?—Yes.

How often?—Frequently.

What is their condition?—Generally satisfactory.

Has any owner undertaken (voluntarily) structural alterations or improvements to farm buildings *e.g.*, re-modelling of cowsheds? Improvements have been carried out at several cowsheds within the area.

Any information as to the work, actual or estimated. .—None

### **Farms—**

No. of dairy farms :—92

Approximate number of cows in the district :—900

### **Cowkeepers—**

No. of cowkeepers (including the dairy farms) :—92

No. of inspections during the year :—164

### **Dairymen or purveyors of milk (other than cowkeepers)—**

No. of dairymen or milk purveyors (other than cowkeepers) :—6

Action taken by local authority as to—

(i) Tuberculosis milk—

No. of samples submitted for biological test :—49

Result—Positive :—1      Negative :—48

(ii) Bacteriological examinations or (iii) Sediment tests :—None

### **(2) Meat and other Foods—**

(a) Action taken with regard to meat and other foods, including inspection of meat, slaughterhouses, shops, stalls, and vehicles, and places where food is prepared :—1,182 lbs. inspected and surrendered

Number of legal proceedings and result :—None

I have to thank Dr. Hall, The County Medical Officer of Health, for details of sampling under the Food and Drugs Act, 1938 carried out in the Rural District.

Of a total of 229 samples, 181 were milk and the 48 others comprised :—

5 Castor Oil	4 Boracic Ointment
3 Custard Powder	1 Olive Oil
1 Glycerin of Borax	3 Gelatine
3 Cake Mixture	3 Semolina
8 Margarine	1 Semolina (flavoured)
2 Tea	1 Lemon Curd
1 Arrowroot	1 Ground Almond Substitute
1 Rice Substitute	3 Sugar
2 Icing Sugar	2 Bacon
1 Cornflour	1 Sponge Pudding Mixture
1 Pudding Mixture	

All the milk samples were certified to be genuine with the exception of two. A formal sample was deficient of 1.7 per cent solids-not-fat and contained 3.1 per cent extraneous water, and the vendor was cautioned. Another formal sample was deficient of 21.0 per cent solids-not-fat and contained 19.6 per cent extraneous water, the vendor being prosecuted and fined £10 with 5 guineas costs.

One sample of cake mixture contained fungus and has a musty odour and the retailer's stock was surrendered. Another sample of cake mixture was found to be deficient of 0.9 per cent available carbon dioxide and a follow up sample was deficient of 0.13 per cent available carbon dioxide. This stock was, therefore, withdrawn from sale and returned to the makers.

A sample of olive oil bore an unsatisfactory label and a communication was addressed to the packers on this matter.

The samples of ground almond substitute and rice substitute bore no label or description in accordance with the requirements of the Food Substitutes (Control) Order, 1941 and the local Food Executive Officer was notified.

## PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASES

### Hospital Accommodation Provided or Available—

#### For Smallpox—

Name of hospital :—Liverpool Corporation Hospital  
Where situate :—New Ferry, Cheshire  
No. of beds available for your district :—5 minumum

Is the hospital used by "agreement" or "arrangement"? :—Agreement on the basis of one bed for each 10,000 of the population.

#### For other Infectious Diseases—

Name of hospital :—Whiston, Huyton and Prescot Joint Hospital Board.  
No. of beds available for your district :—84  
Where situate :—Delph Lane, Whiston.  
Is the hospital used by "agreement" or "arrangement"? —  
Or, if a joint hospital, is the district a constituent authority? :—Yes

#### Infectious Diseases generally—

Review the prevalence of notifiable infectious diseases (and in particular, **poliomyelitis**) during the year 1947, and give any noteworthy facts as to the source or spread of infection (non-notifiable acute infectious diseases should also be reported upon so far as available information enables this to be done)

Measles 536  
Scarlet Fever 130  
Poliomyelitis 7

Give brief particulars of the clinical type and spread of diphtheria and cerebro-spinal fever :—Cerebro-spinal fever not prevalent in the district. Diphtheria reduced to the minimum

Any local action taken in regard to the use of measles serum for prophylaxis or attenuation :—No demand locally

Give particulars of any existing facilities for the typing of pneumococci and for the provision of appropriate type sera :—None

Notes on the supply and prompt use of :—

(a) Diphtheria anti-toxin—Supplied free to Medical Practitioners on request.



Are supplies readily available?—Yes. If so, where kept?—  
Council Offices, Whiston.

(b) Anti-meningococcus serum—None.

Are supplies readily available?—Yes. If so, where kept?  
Joint Hospital Board.

Are any other vaccines or sera supplied free to medical practitioners!—  
None except A.P.T.

State whether the following diseases were compulsorily notifiable in your district during 1947, and, if so, state for what period:—

Diarrhoea (under 2 years)—No.

Chicken-pox—No.

Any others—None.

### Pathological and bacteriological examinations:—

No. of specimens examined in 1947—

(a) Diphtheria ....	9
(b) Scarlet Fever ....	0
(c) Enteric Fever ....	0
(d) Miscellaneous (state nature) ....	0

### Immunisation:—

(1) *Diphtheria*.—Specify any action to provide artificial immunisation—

(a) In hospitals, residential institutions or schools—None.

(b) At special clinics or day schools—Artificial immunisation sessions are held monthly in most schools in the area.

(c) otherwise than (a) or (b)—In the Parish of Ecclestone, sessions are held in the local Church Hall and in the Parishes of Knowsley and Kirkby in the Local Community Centre.

No. of persons who received artificial immunisation during 1947:—

(i) pre-school children....	597	Prophylactics used A.P.T.
(ii) school children.....	325	Prophylactics used A.P.T.
(iii) adults.....	None	Prophylactics used —

Have any post-Schick tests been undertaken?—None.

Immunisation state of child population as at 31st December, 1947:—

	Under 5 yrs.	Over 5 yrs. and under 15 yrs.	Total under 15 yrs. of age
No. of children that have now been protected by artificial immunisation	3,242	4,644	7,886
Percentage of children protected in the above age group ....	81.4%	81.4%	81.4%

Comment briefly on the progress of diphtheria immunisation on the district during the year. Immunisation has been well maintained for in addition to the 922 children who have received complete treatment, 945 children have received secondary injections.

(2) *Scarlet fever*.—Specify any action taken to provide artificial immunisation (including number of children immunised during the year)—  
None.

CASES OF INFECTIOUS DISEASE OTHER THAN TUBERCULOSIS NOTIFIED DURING THE YEAR 1947

NOTIFIABLE DISEASES	TOTAL CASES NOTIFIED												Total Deaths	Hospital	
	Age Periods—Years													Total cases removed to hospital from the district	Deaths in hospital of persons belonging to district
	Under 1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	65 & over			
Smallpox	130	4	7	13	10	49	27	17	3				93		
Scarlet fever				1		5							6		
Diphtheria (including membranous croup)	6														
Enteric or typhoid fever (excluding paratyphoid)															
Paratyphoid fever															
Measles (excluding rubella)	536	52	65	67	80	216	15	9	5				6		
Whooping cough	87	14	16	14	7	21									
Acute pneumonia	28	2	3	1	1	1	1	1	4	4	6	2	17		7
(primary and influenza)															
Puerperal pyrexia	21				1			2	16	3			21		
Cerebro-spinal fever	2				2	1		1					2		
Acute poliomyelitis	7	1			2	1							7		
Acute polio-encephalitis															
Acute encephalitis lethargica.															
Dysentery	42								7	12	16	7			
Ophthalmia neonatorum	1														
(See also page 17)															
Erysipelas	5								1	1		3	5		
Malaria Contracted—															
In this Country															
Abroad															
Any other diseases notifiable in district, e.g. :—															
Chicken-pox															
Any other disease :—															
Meningitis	1		1										1		
Totals	866	73	92	98	101	293	44	30	36	20	22	12	158	7	7

**Disinfection after infectious disease :—**

No. of houses disinfected during 1947—214.

Method (state disinfectant used)—Formaldehyde.

Apparatus used for disinfecting clothing, bedding, etc. (steam or otherwise)—Steam.

Where is apparatus situated ?—County Hospital, Whiston.

**TUBERCULOSIS****New Cases and Mortality During 1947.**

Age Groups	New Cases						Deaths					
				Non-						Non-		
	Respiratory		M.	Respiratory		F.	Respiratory		M.	Respiratory		F.
	M.	F.		M.	F.		M.	F.		M.	F.	
0—	....	....	—	—	....	—	—	....	—	—	....	—
1—	....	....	—	—	....	—	1	....	—	—	....	—
5—	....	....	—	—	....	2	1	....	—	—	....	1
10—	....	....	—	—	....	1	—	....	—	—	....	—
15—	....	....	—	4	....	—	1	....	—	—	....	—
20—	....	....	1	4	....	—	1	....	1	—	....	—
25—	....	....	5	9	....	—	—	....	—	4	....	—
35—	....	....	7	2	....	3	1	....	1	2	....	—
45—	....	....	2	—	....	—	—	....	2	—	....	—
55—	....	....	2	—	....	—	—	....	—	—	....	—
65 and upwards	....	....	—	—	....	—	—	....	—	—	....	—
			17	19	....	6	5	....	4	6	....	1
Totals	....	....	36			11			10			1

What is the ratio of non-notified tuberculosis deaths to total tuberculosis deaths ?—Nil.

Is there any evidence of excessive incidence of, or mortality from, tuberculosis in any particular occupation in the district ?—No.

**Public Health (Prevention of Tuberculosis) Regulations, 1925 :—**

Any action taken under these Regulations relating to tuberculous employees in the milk trade—None.

**Public Health Act, 1936.**

Any action taken under section 172, Public Health Act, 1936—None.

**MATERNITY AND CHILD WELFARE**

Is the Maternity and Child Welfare work carried out by the *local* authority or by the County Council ?—County Council.

Arrangements for Home Helps:—Local Authority have delegated powers for Parishes of Rainhill, Whiston and for the Eccleston Park area of the Parish of Eccleston.

3 permanent and 4 occasional part-time Home Helps

**Cases of Ophthalmia Neonatorum During 1946**

CASES						
Number Notified	Treated		Vision Unim- paired	Vision Impaired	Total Blindness	Deaths
	At Home	In Hosp.				
One	Yes	—	Nil	Nil	Nil	Nil



# **FACTORIES ACT, 1937**

## **PART I OF THE ACT**

1.—**INSPECTIONS** for purposes of provisions as to health (including inspection made by Sanitary Inspectors)

Premises	Number on Register	Number of		
		Insp'tions	Written notices	Occupiers prose'ted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities ....	7	7	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ....	47	16	—	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises)	5	12	—	—
Total ....	59	35	—	—

2.—Cases in which **DEFECTS** were Found

(If defects are discovered at the premises on two, three or more separate occasions they should be reckoned as two, three or more "cases")

Particulars	Number of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred		
			To H.M. Inspector	By H.M. Inspector	
Sanitary Conveniences (S.7)					
(a) insufficient ....					
(b) Unsuitable or defective	4	4	None	4	None
(c) Not separate for sexes					
Other offences against the Act (not including offences relating to Outwork)					
Total .....	4	4	None	4	None

## **PART VIII OF THE ACT**

### **OUTWORK**

#### **Sections 110 and 111**

No. of out-workers in August list required by Section 110 (1) (c) :—

File making .... 3

## SUMMARY OF THE WORK OF THE SANITARY INSPECTORS

### Complaints.

#### Defects—

Drainage....	....	....	....	....	....	....	....	....	....	147
Refuse	....	....	....	....	....	....	....	....	....	130
Housing	....	....	....	....	....	....	....	....	....	1074
Rats....	....	....	....	....	....	....	....	....	....	193
General Nuisance	....	....	....	....	....	....	....	....	....	458

### Notices Served.

#### Defects—

Drainage....	....	....	....	....	....	....	....	....	....	62
Refuse	....	....	....	....	....	....	....	....	....	82
General Nuisance	....	....	....	....	....	....	....	....	....	185

### Summary of Inspections.

Bakehouses	....	....	....	....	....	....	....	....	....	24
Workshops and Factories	....	....	....	....	....	....	....	....	....	33
Dairies and Cowsheds....	....	....	....	....	....	....	....	....	....	141
Butchers Shops and Food Premises	....	....	....	....	....	....	....	....	....	473
Investigation of Infectious Disease	....	....	....	....	....	....	....	....	....	264
Investigation of Public Health Nuisances	....	....	....	....	....	....	....	....	....	1470
Inspections under Housing Act	....	....	....	....	....	....	....	....	....	1122
Rodent Investigation	....	....	....	....	....	....	....	....	....	10507
Bodies recovered	....	....	....	....	....	....	....	....	....	992
Estimated kill	....	....	....	....	....	....	....	....	....	3895
Drainage....	....	....	....	....	....	....	....	....	....	441
Refuse Accommodation	....	....	....	....	....	....	....	....	....	380

(Signed) F. W. BUNTING,

*Medical Officer of Health.*



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